

DOCKET NO.: MSFT-0508/37457.1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Steven J. Krui et al.

Serial No.: 09/235,038

Group Art Unit: 2172

RECEIVED

Filing Date: January 21, 1999

Examiner: Ella Colbert

FEB 07 2002

Technology Center 2100

For: DATABASE ITEM VERSIONING

DATE OF DEPOSIT: 11/1/01

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VINCENT J. ROCCIA  
REGISTRATION NO.: 43,887

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☒ AF

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

AMENDMENT TRANSMITTAL LETTER

Transmitted herewith for filing in the above-identified patent application is:

- ☐ A Preliminary Amendment.
- ☒ An Amendment Responsive to the Office Action Dated July 2, 2001.
- ☐ An Amendment Supplemental to the Paper filed \_\_\_\_\_.
- ☐ Other: \_\_\_\_\_.

- ☐ Applicant(s) has previously claimed small entity status under 37 CFR §1.27.
- ☐ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR §1.27 as:
- ☐ an Independent Inventor
  - ☐ a Small Business Concern
  - ☐ a Nonprofit Organization
- ☐ This application is no longer entitled to small entity status. It is requested that this be noted in the files of the Patent and Trademark Office.
- ☐ Substitute Pages \_\_\_\_\_ of the Specification are enclosed.
- ☐ An Abstract is enclosed.
- ☒ 4 Sheets of Proposed Corrected Drawings with identification labels on each sheet (comprised of Figures 1, 2, 3 and 4), and a Copy of the Notice Of Draftperson's Patent Drawing Review, Form PTO 948 are enclosed.
- ☐ A Certified Copy of each of the following applications: \_\_\_\_\_ is enclosed.
- ☐ An Associate Power of Attorney is enclosed.
- ☐ Information Disclosure Statement.
- ☐ Attached Form 1449.
  - ☐ A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.
- ☐ Appended Material as follows: \_\_\_\_\_.
- ☐ Other Material as follows: \_\_\_\_\_.

during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to deposit account 23-3050. This sheet is provided in duplicate.

- ☒ The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is provided in duplicate.
- ☐ The Foregoing Amount Due for Filing this Paper.
- ☒ Any additional filing fees required, including fees for the presentation of extra claims under 37 C.F.R. 1.16.
- ☒ Any additional patent application processing fees under 37 C.F.R. 1.17 or 1.20(d).

**SHOULD ANY DEFICIENCIES APPEAR** with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the United States Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

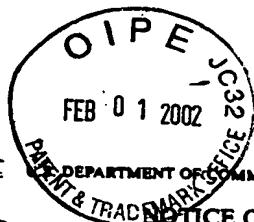
Date:

11/1/01

  
\_\_\_\_\_  
**VINCENT J. ROCCIA**

Registration No.: 43,887

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DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No. 09/235636

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 11/21/99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(b): Acceptable categories of drawings: Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) _____ Pencil and non black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84 (b) 1 full-size set is required. Fig(s) _____ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____ Poor quality (half-size). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ Mylar, vellum paper is not acceptable (too thin). Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets the same size. Sheet(s) _____ Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(g)(2) Brackets needed to show figure as one entity. Fig(s) _____ Views not labeled separately or properly. Fig(s) _____ Enlarged view not labeled separately or properly. Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(l) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(i) Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>11</u></p> <p>11. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s) _____ Solid black shading not permitted. Fig(s) _____ Shade lines, pens, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p) Numbers and reference characters not plain and legible. Fig(s) _____ Figure legends are poor. Fig(s) _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s) _____ Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) _____ Solid black shading not used for color contrast. Fig(s) _____</p>
<p>COMMENTS</p> <p style="text-align: right;"><b>RECEIVED</b> <b>FEB 07 2002</b> Technology Center 2100</p>	

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ATTACHMENT TO PAPER NO. 4



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**Paper:** PTO Amendment Transmittal Letter (in Duplicate, consisting of 4 pages); Amendment and Response Under 37 C.F.R. § 1.111 (consisting of 10 pages, which includes 3 pages of marked-up versions of amendments; 4 Sheets of corrected, substitute drawings with identification labels on each sheet (comprised of Figures 1, 2, 3, 4); Copy of the Notice Of Draftperson's Patent Drawing Review, Form PTO 948; Check for 1 month extension filing fee, in the amount of \$110.00; Return Postcard to PTO, all sent via First Class Mail.

**Applicant(s) :** Steven J. Kruey et al.

**Title:** DATABASE ITEM VERSIONING

**Serial No.:** 09/235,038

**Filed:** January 21, 1999

**Docket No.:** MSFT-0508/37457.1

**Date Sent:** November 1, 2001

**V. J. Roccia/J. Edelman**

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**\*PLEASE NOTE:** This Amendment and Response was previously sent to the USPTO on November 1, 2001. Kindly acknowledge receipt of this facsimile transmission of the Amendment and Response, by stamping this postcard copy and faxing it back to our office at (215) 568-3439. Thank you. Vince Roccia.

**RECEIVED BY THE UNITED STATES  
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**Paper:** PTO Amendment Transmittal Letter (in Duplicate, consisting of 4 pages); Amendment and Response Under 37 C.F.R. § 1.111 (consisting of 10 pages, which includes 3 pages of marked-up versions of amendments; 4 Sheets of corrected, substitute drawings with identification labels on each sheet (comprised of Figures 1, 2, 3, 4); Copy of the Notice Of Draftperson's Patent Drawing Review, Form PTO 948; Check for 1 month extension filing fee, in the amount of \$110.00; Return Postcard to PTO, all sent via First Class Mail.

**Applicant(s) :** Steven J. Kruey et al.

**Title:** DATABASE ITEM VERSIONING

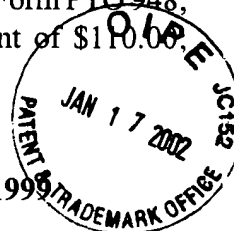
**Serial No.:** 09/235,038

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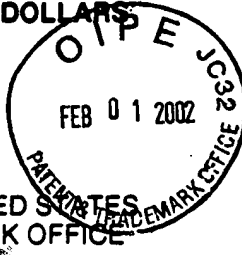
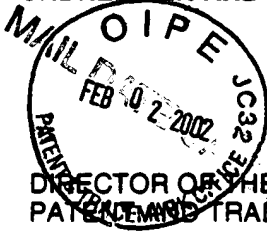
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